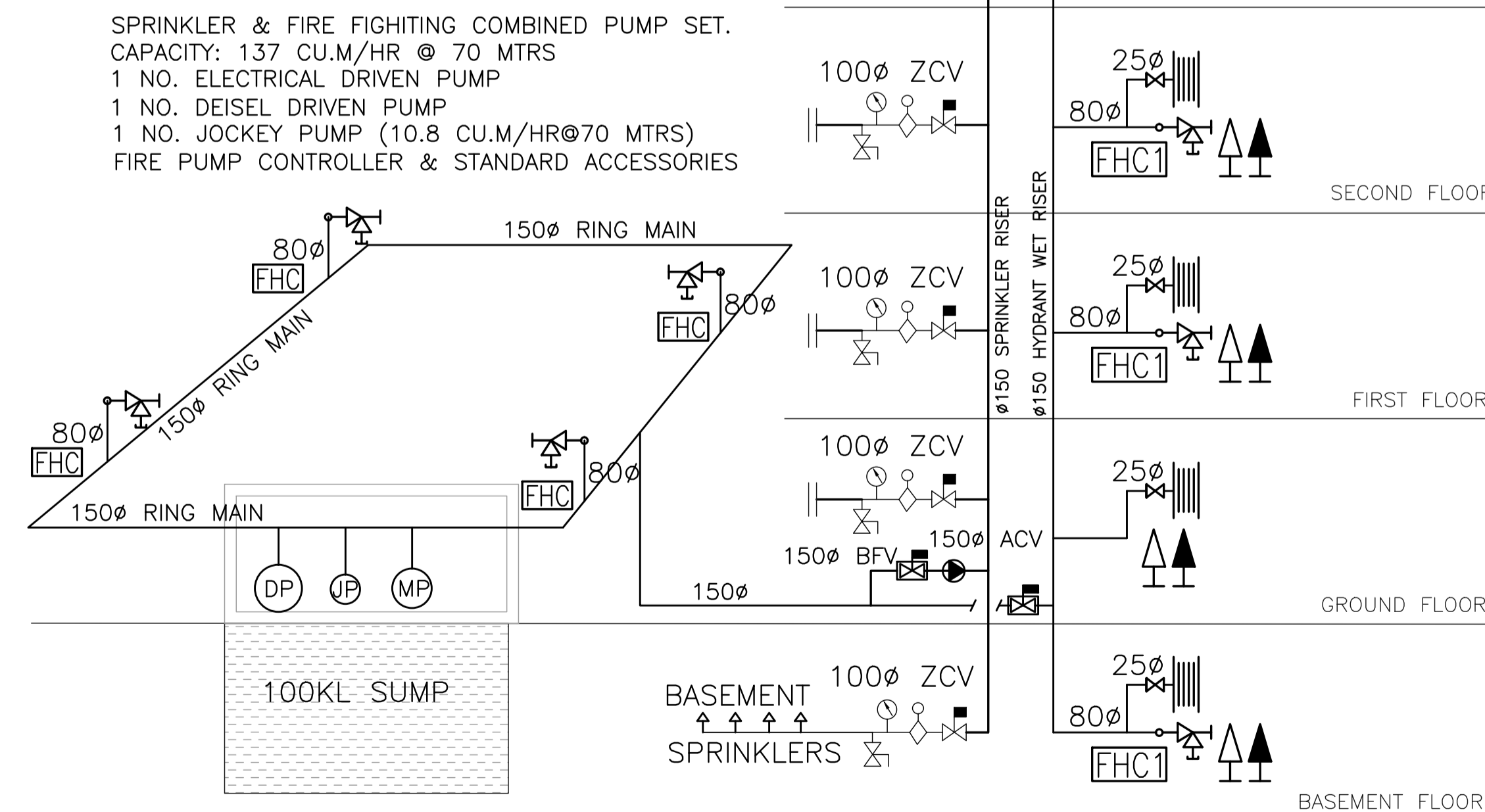


ROOF FLOOR



SCHEMATIC RISER DRAWING

LEGENDS:

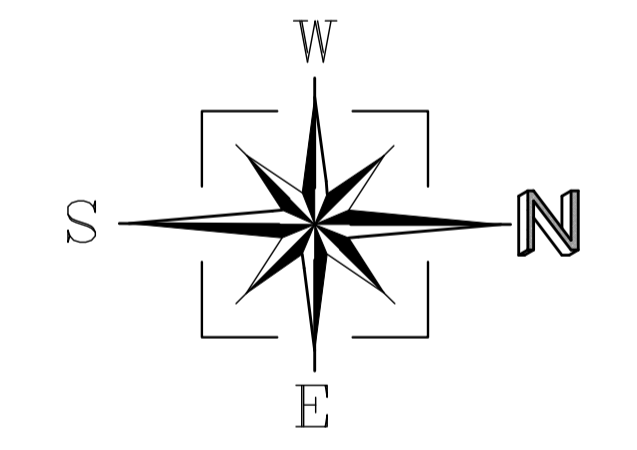
	UPRIGHT SPRINKLER HEAD, K-80, 68°C, SR, 1/2" NPT
	EXTERNAL / INTERNAL SINGLE HEAD FIRE HYDRANT VALVE
	EXTERNAL FIRE HYDRANT HOSE CABINET COMPLETE WITH 2 NOS #65x15M LONG FIRE HOSE WITH COUPLING AND 1 NO #65 BRANCH PIPE JET NOZZLE
	INTERNAL FIRE ESCAPE HYDRANT HOSE CABINET COMPLETE WITH 2 NOS #65x7.5M LONG FIRE HOSE WITH COUPLING AND 1 NO #65 BRANCH PIPE JET NOZZLE
	FIRST AID FIRE HOSE REEL WITH 19mm X 30 Mtr HOSE WITH JET/SPRAY MULTIPURPOSE NOZZLE
	4.5 KG CO2 FIRE EXTINGUISHER
	6 KG DRY POWDER FIRE EXTINGUISHER
	50 LTRS FOAM FIRE EXTINGUISHER (TROLLEY TYPE)
	22 KG CO2 FIRE EXTINGUISHER (TROLLEY TYPE)
	ALARM CHECK VALVE
	ZONE CONTROL VALVE ASSEMBLY COMPLETE WITH LEVER OPERATED BUTTERFLY VALVE, WATER FLOW DETECTOR (FOR FUTURE) PRESSURE GAUGE AND DRAIN BALL VALVE
	4-WAY X #150MM FIRE BRIGADE INLET
	WAFER TYPE BUTTERFLY VALVE
	WAFER TYPE/ BALL TYPE NON RETURN VALVE
	C.I./CHROME FINISH BALL VALVE
	BRONZE / FORGED BRASS GATE VALVE
	AIR RELEASE VALVE
	NEEDLE VALVE / BALL VALVE
	PRESSURE SWITCH

PROPOSED FIRE HYDRANT & SPRINKLER PUMP SETS CONSISTS OF
 1 No. OF ELECTRIC DRIVEN JOCKEY PUMP - FIRE HYDRANT SYSTEM
 10.8 CU.M/HR @ 70 MTRS HEAD CAPACITY
 1 No. OF ELECTRIC DRIVEN MAIN PUMP - FIRE HYDRANT SYSTEM
 137 CU.M/HR @ 70 MTRS HEAD CAPACITY
 1 No. OF DIESEL ENGINE DRIVEN STANDBY PUMP - FIRE HYDRANT SYSTEM
 137.0 CU.M/HR @ 70 MTRS HEAD CAPACITY
 WITH REQUIRED AIR VESSEL TANK, PRESSURE SETTING MANIFOLD & TEST/DRAIN ARRANGEMENTS

CONTROL PANEL FOR FIRE PUMP SETS WITH MAIN INCOMER & DISTRIBUTION AS BELOW
 FOR ELECTRIC DRIVEN JOCKEY PUMP SET AUTO START/STOP & MANUAL START/STOP
 FOR ELECTRIC DRIVEN MAIN PUMP SET AUTO START & MANUAL START/STOP
 FOR DIESEL ENGINE DRIVEN STANDBY PUMP SET AUTO START & MANUAL START/STOP
 CHARGING CIRCUIT FOR BATTERY INTERNAL HOOTER

ABBREVIATIONS :

ACV	ALARM CHECK VALVE	U/G	UNDER GROUND
ARV	AIR RELEASE VALVE	A/G	ABOVE GROUND
F/B	FROM BELOW	F/A	FROM ABOVE
T/B	TO BELOW	T/A	TO ABOVE
WSP	WATER SPRAY LINE	QB	QUARTZOID BULB
WRP	WET RISER PIPE	SRP	SPRINKLER RISER PIPE



0	02.08.17	ISSUED FOR APPROVAL	MS	CVL	CS
REV	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.

PROJECT:
 CANARA BANK CIRCLE OFFICE
 MOUNT ROAD, ANNA SALAI, CHENNAI - 2.



FIRE ENGINEERING CONSULTANT:
IFEC INTERNATIONAL FIRE ENGINEERING CONSULTANTS
 SERVING FOR THE SAFETY OF LIFE, PROPERTY, COMMUNITY & ENVIRONMENT
 VIRUGAMBAKKAM, CHENNAI - 600 092, INDIA.
 Ph: +91 44 2364 2799, Fax: +91 44 2401 6860, Mob: +91 9751 949464
 E. Mail: ifec.india@gmail.com / engineering@ifec.in, Web: www.ifec.in

TITLE:
 FIRE HYDRANT & SPRINKLER SYSTEM
 ROOF FLOOR LAYOUT & SCHEMATIC DRAWING

DESIGNED	MS	SIGN	DATE	DRG. NO.
CHECKED	CVL			IFEC-17/CB/FF-03
APPROVED	CS			SCALE : 1:100 SIZE : A1
RELEASED FOR <input type="checkbox"/> PRELIMINARY <input type="checkbox"/> TENDER <input type="checkbox"/> INFORMATION <input checked="" type="checkbox"/> APPROVAL <input type="checkbox"/> CONSTRUCTION				